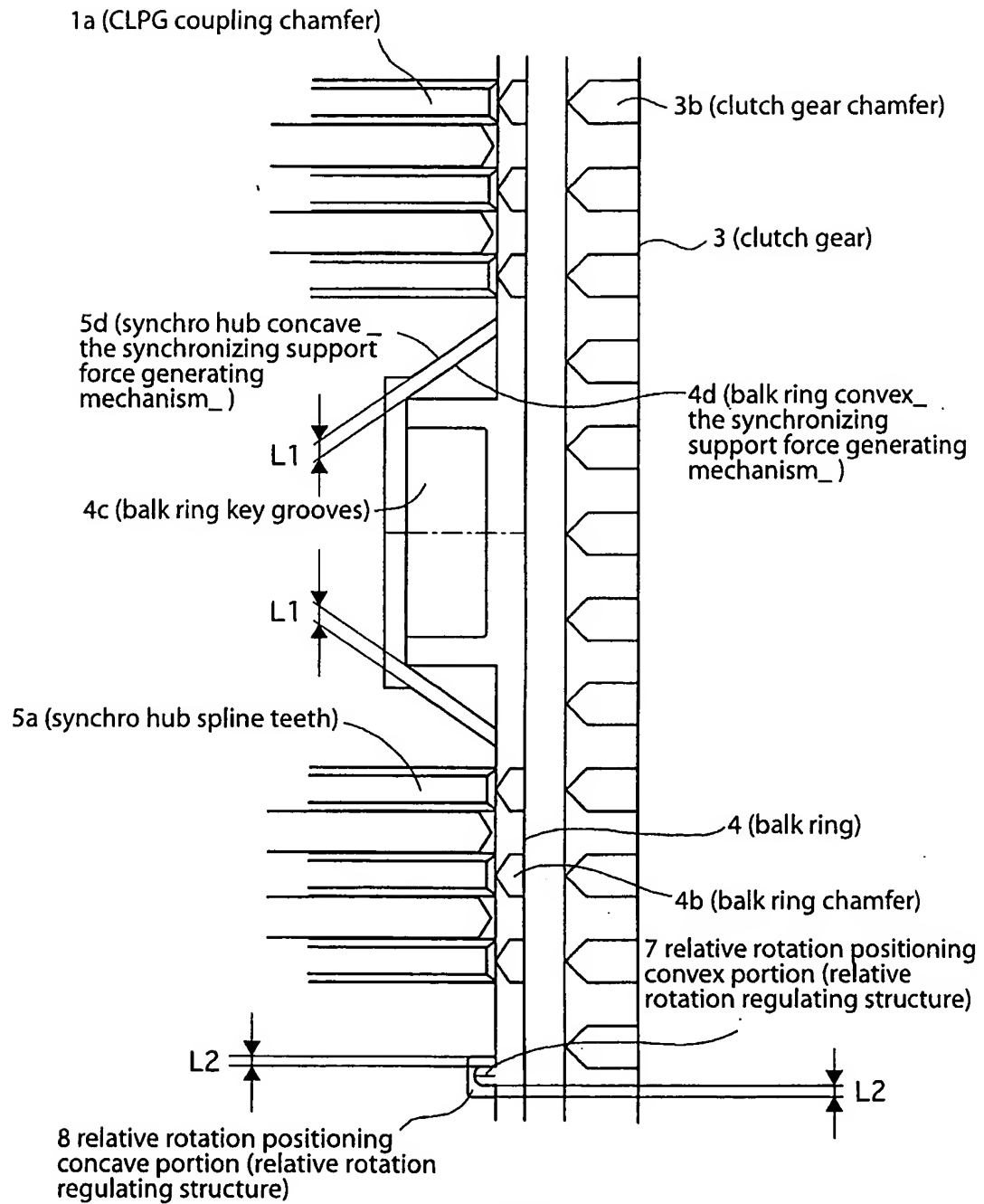


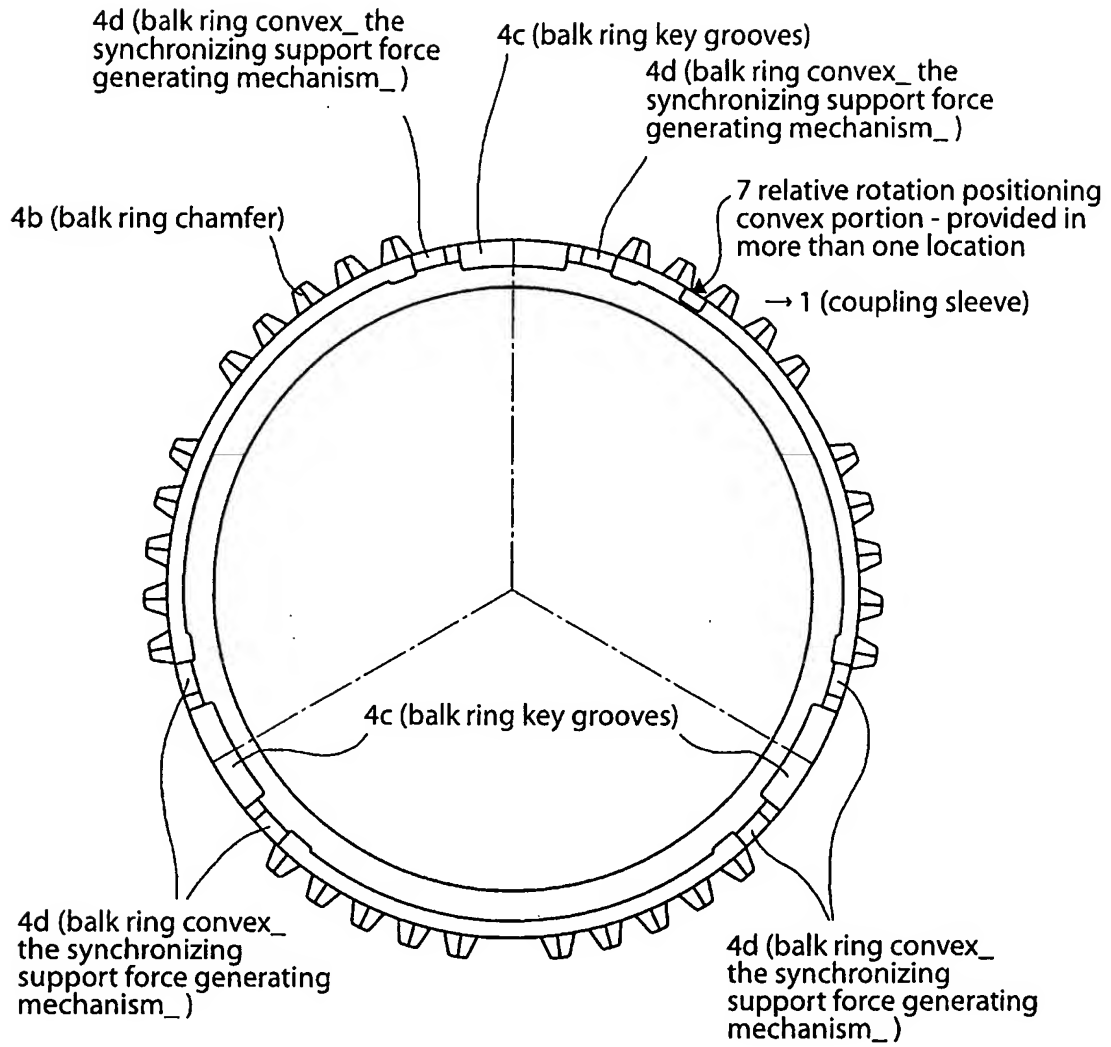
FIG. 1

When in neutral



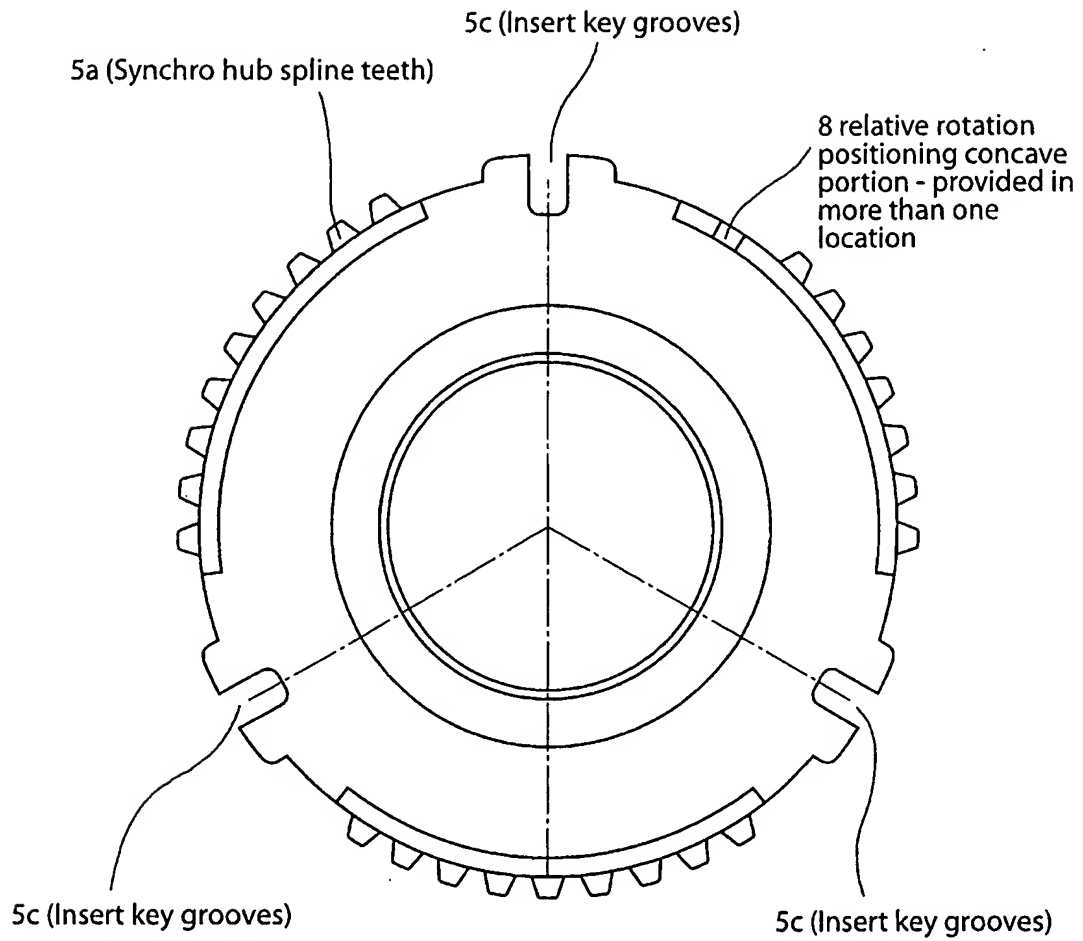
View A

Gap condition :  $L1 > L2$ **FIG. 2**



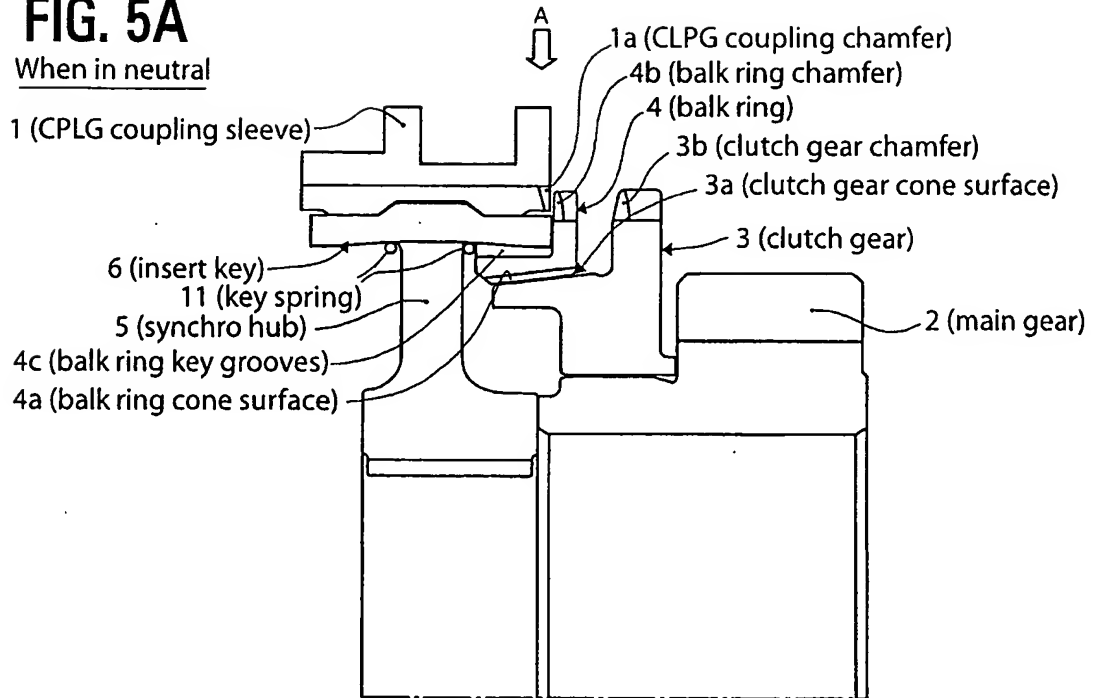
Front View of the Balk Ring

**FIG. 3**

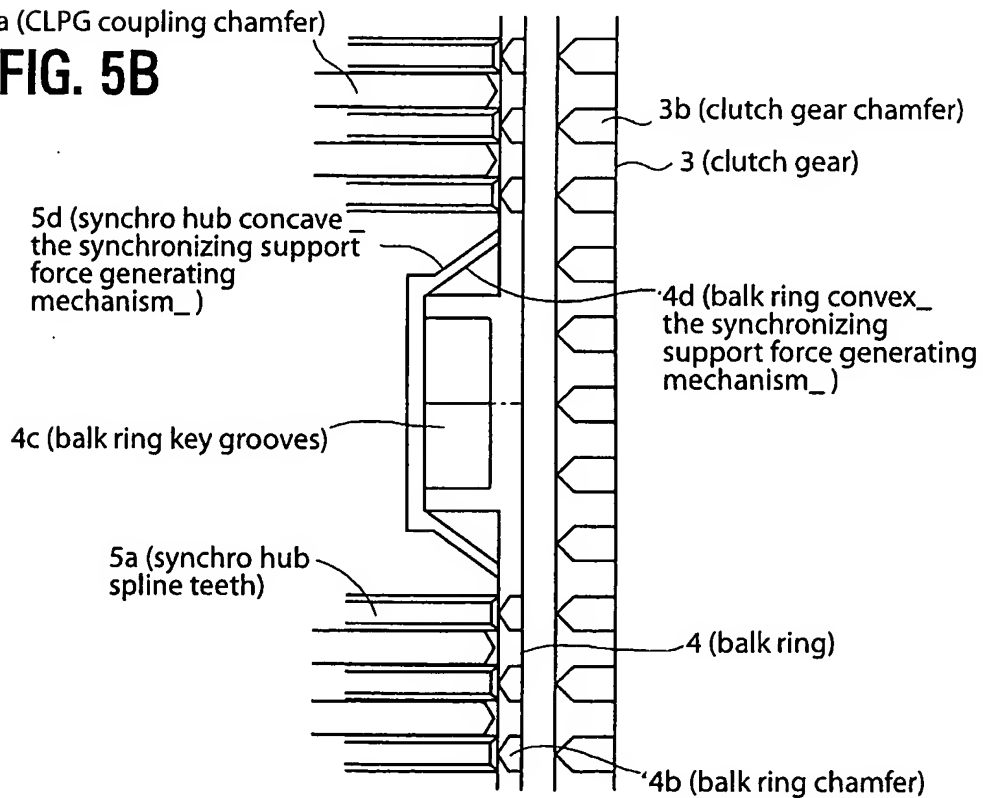


Front View of the Synchro Hub

**FIG. 4**

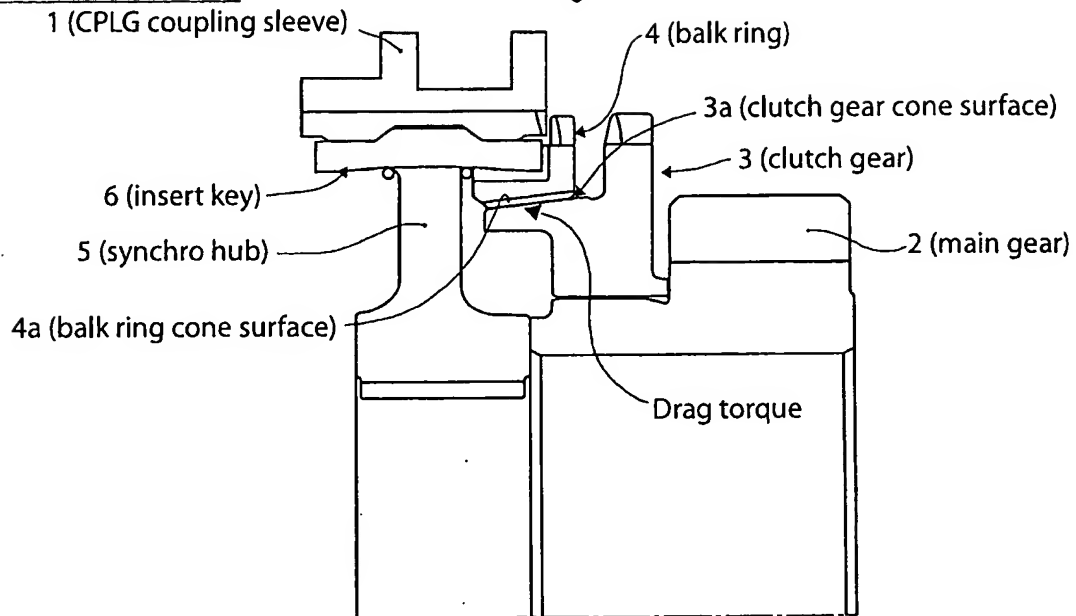
**FIG. 5A**When in neutral

1a (CLPG coupling chamfer)

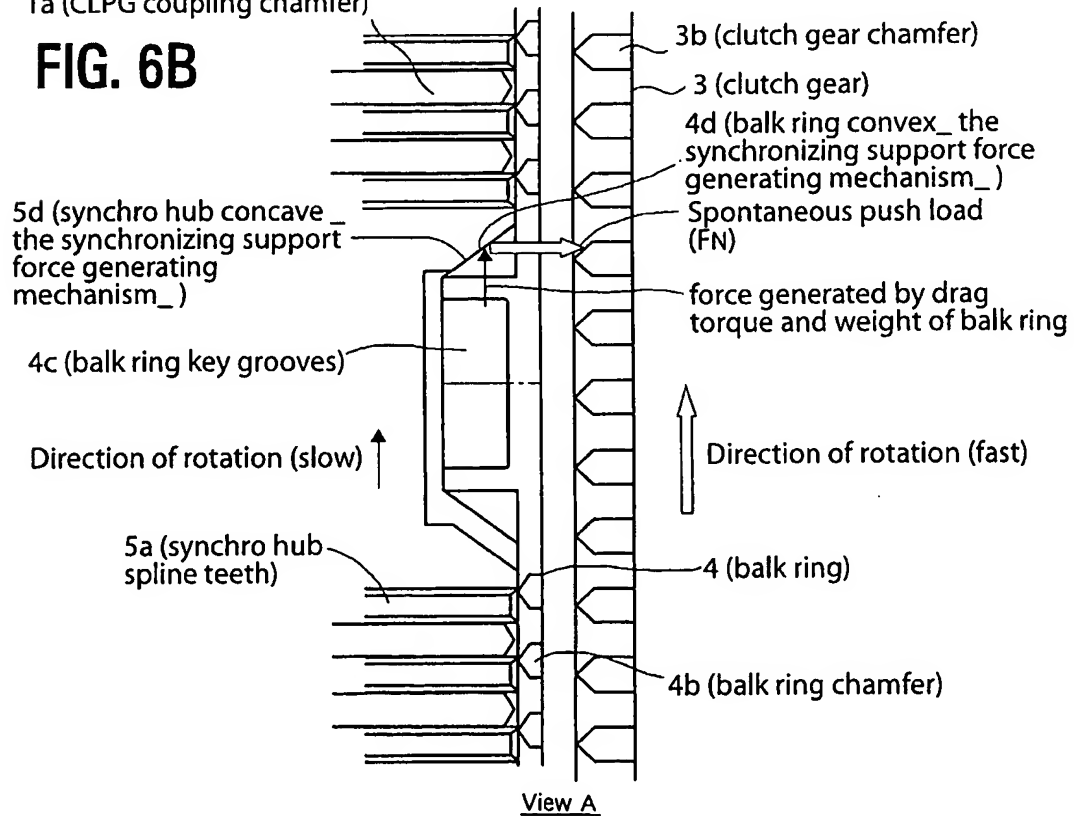
**FIG. 5B**View A

**FIG. 6A**

Convex-concave contact made on inclined surfaces

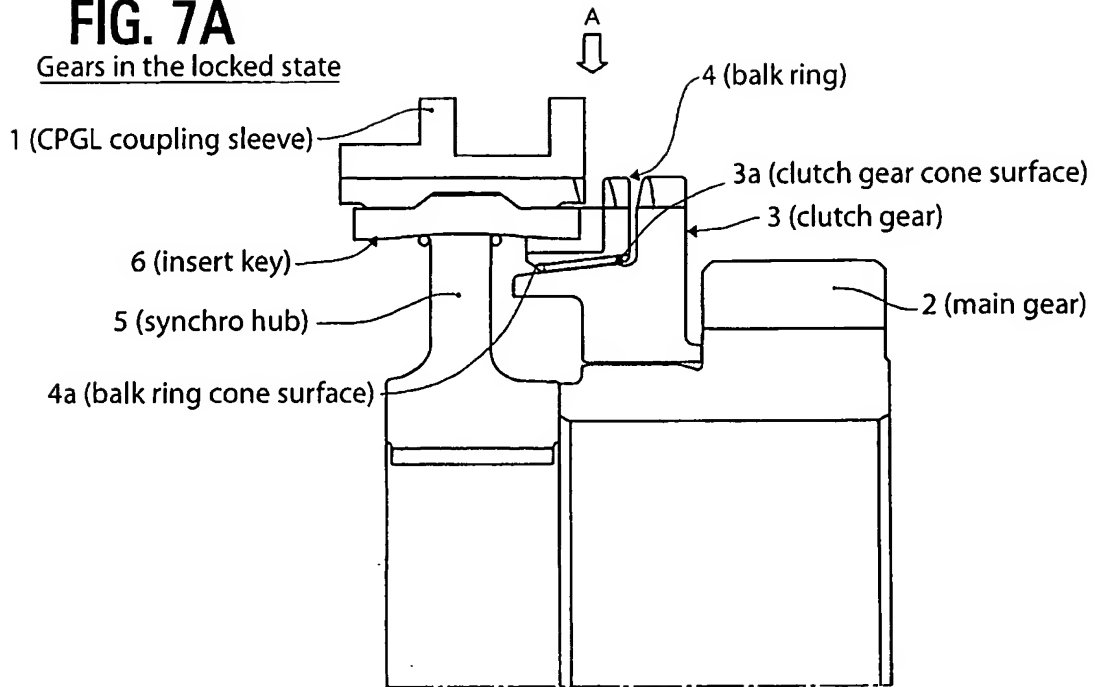


1a (CLPG coupling chamfer)

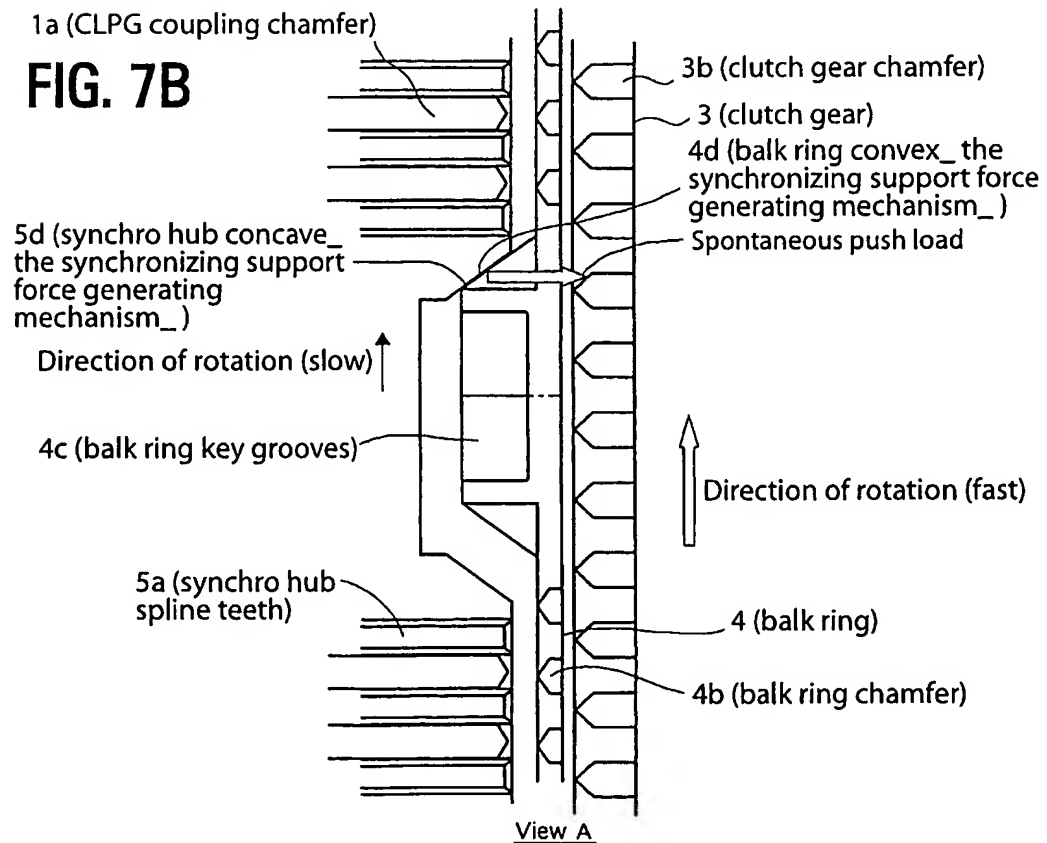
**FIG. 6B**

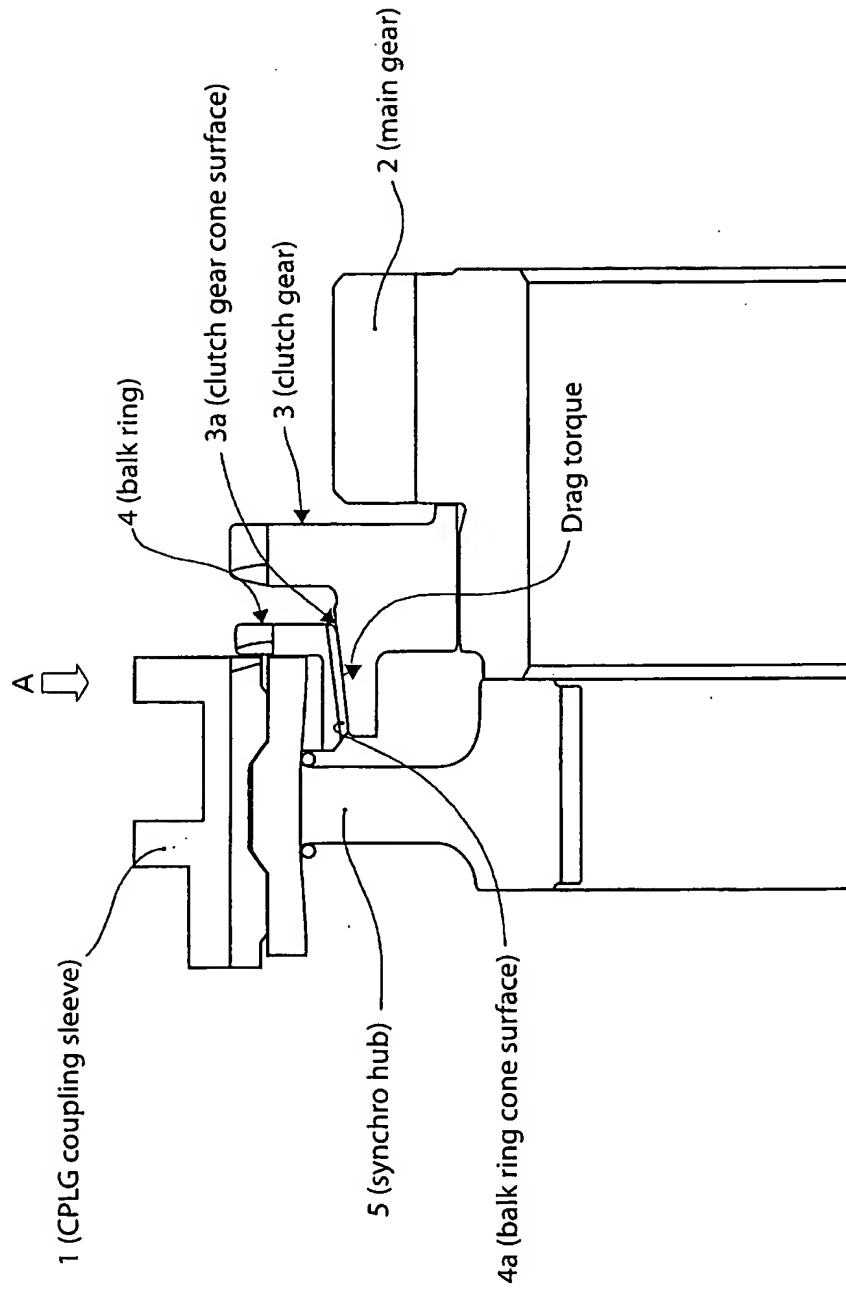
**FIG. 7A**

Gears in the locked state



1a (CLPG coupling chamfer)

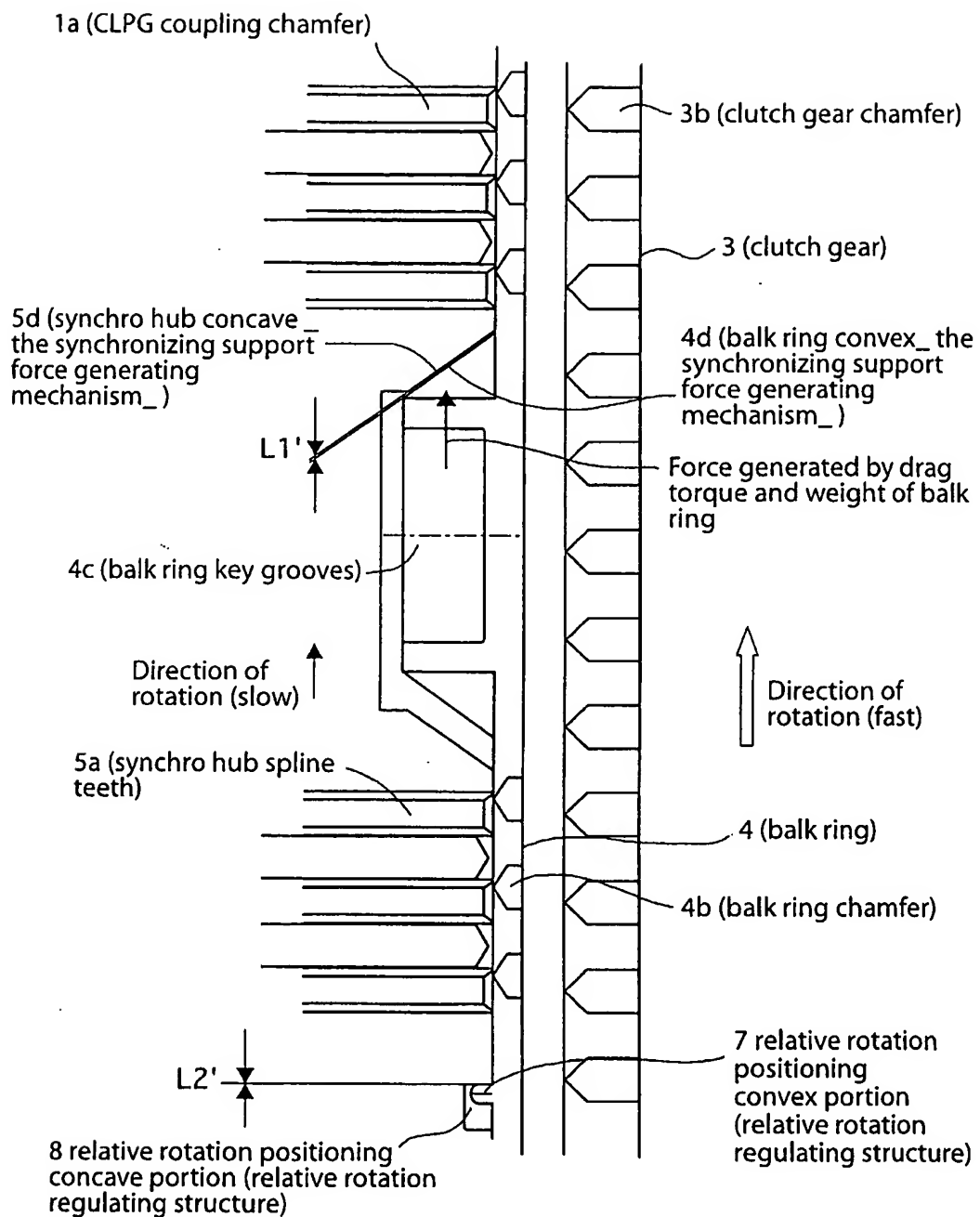
**FIG. 7B**

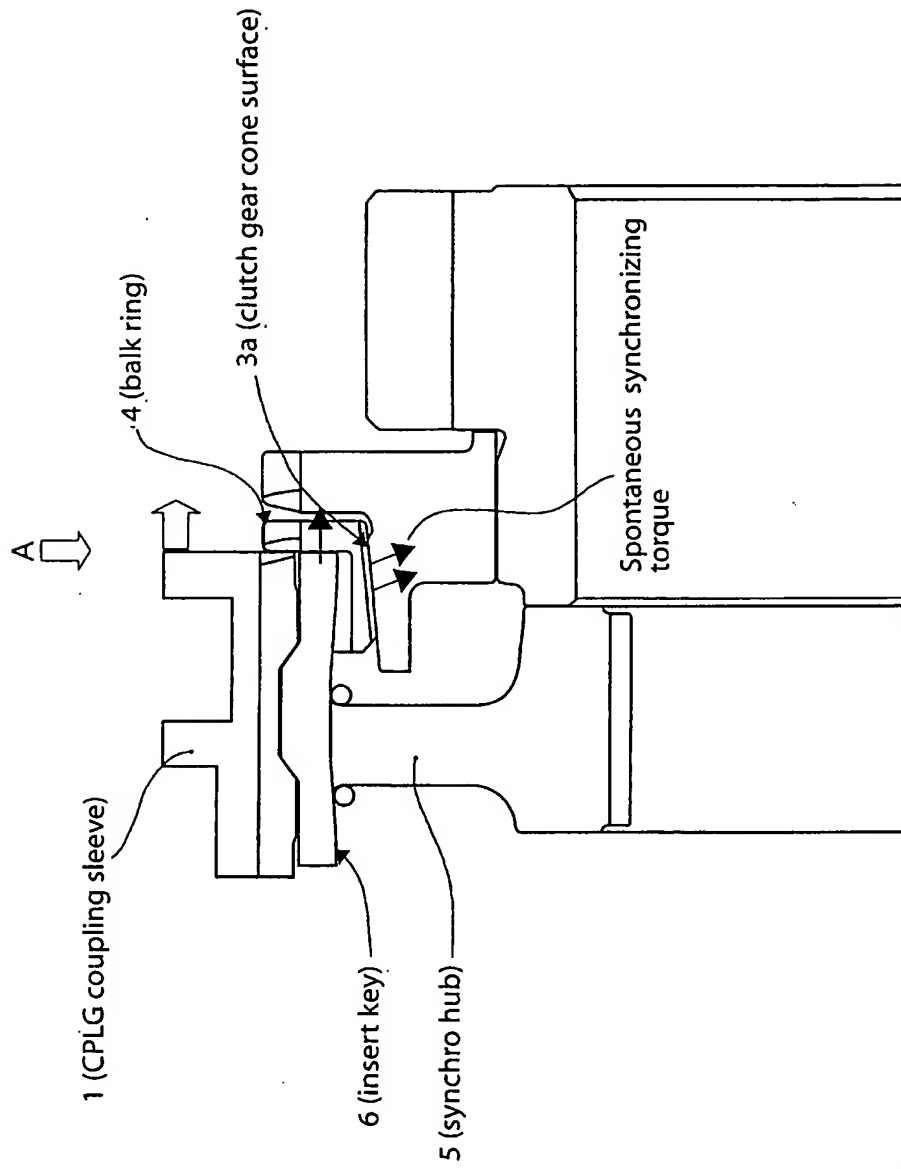


The relative rotation positioning portion in the locked state

**FIG. 8**



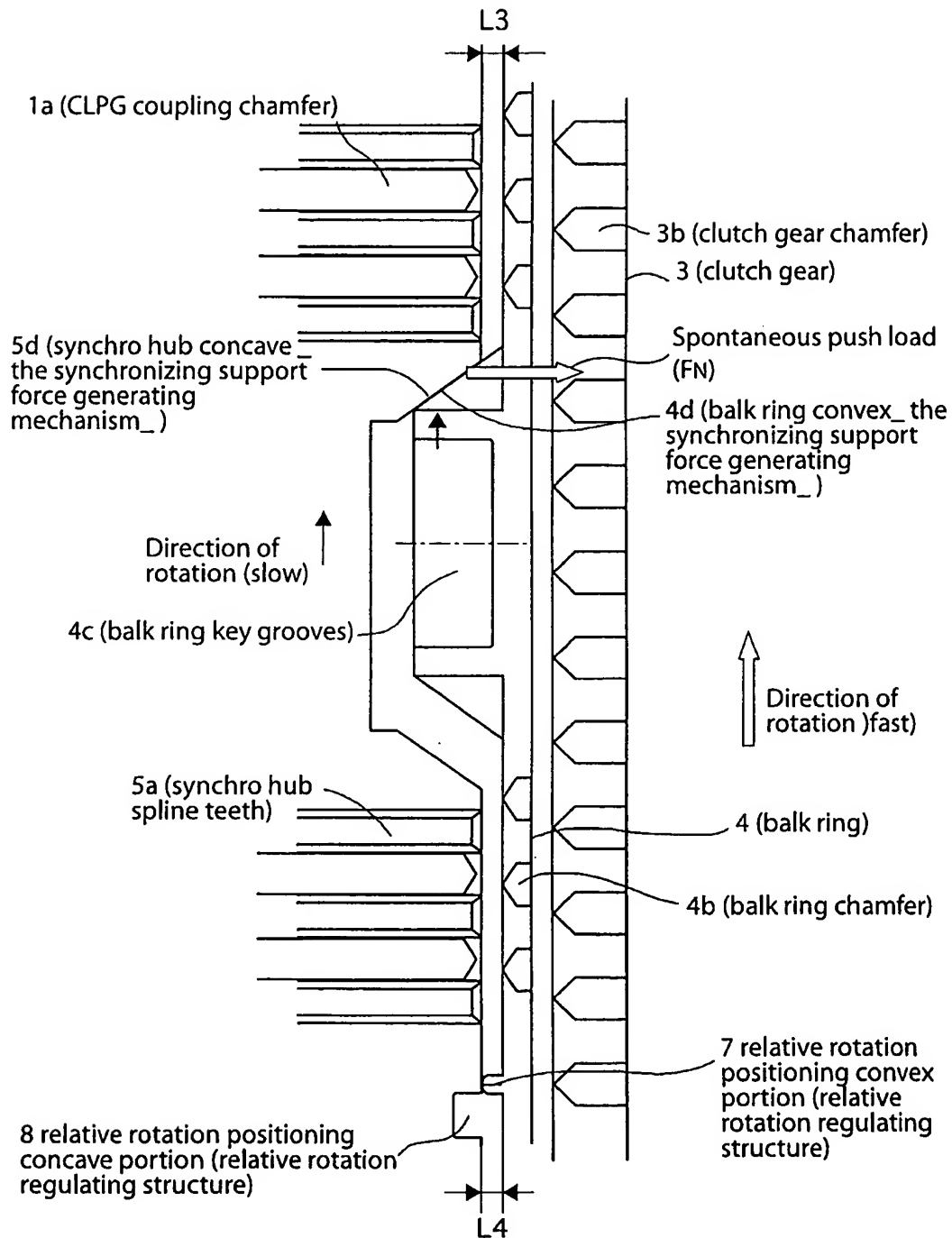
**FIG. 9**View A



**FIG. 10**

When synchronizing takes place

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**FIG. 11**

View A

Gap condition:  $L3 > L4$

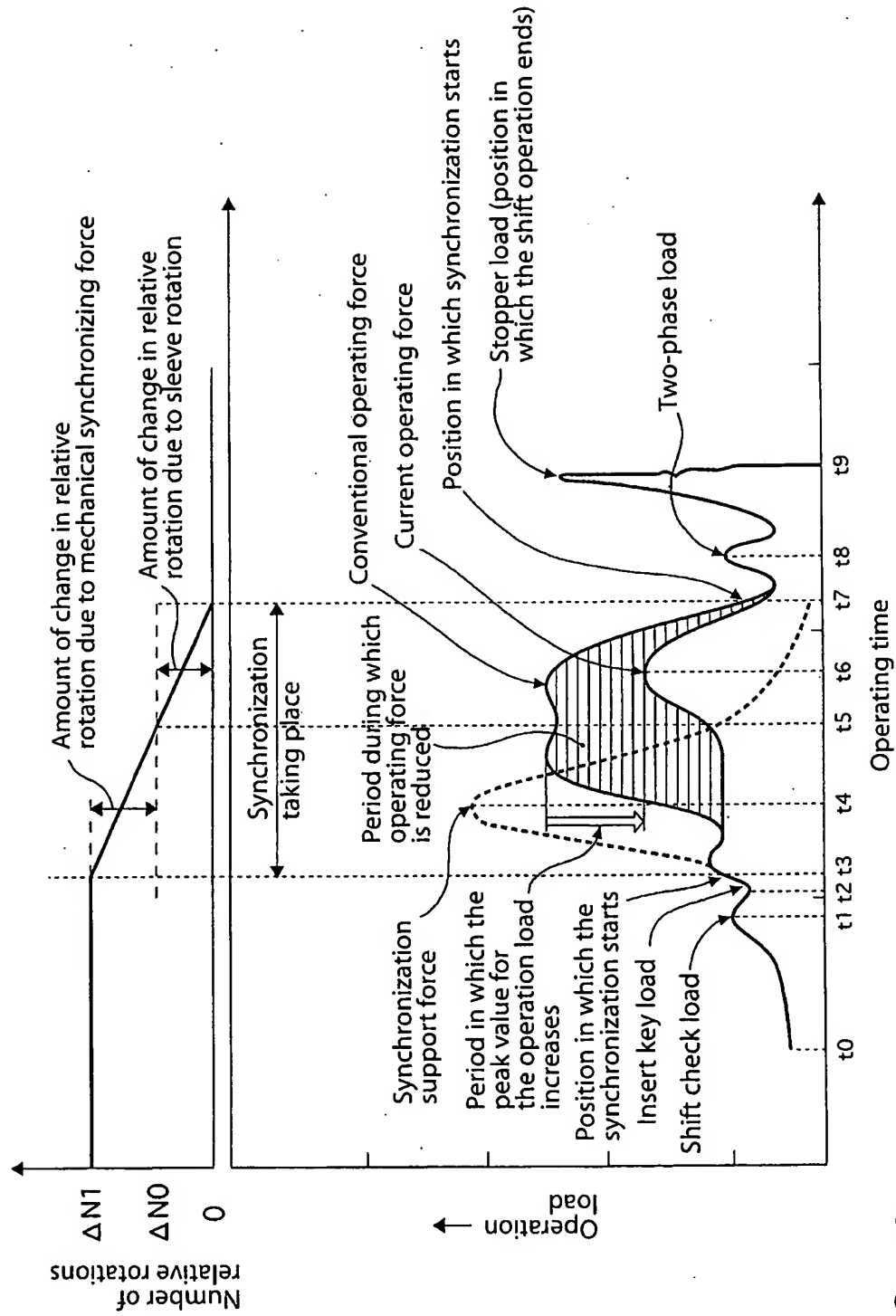
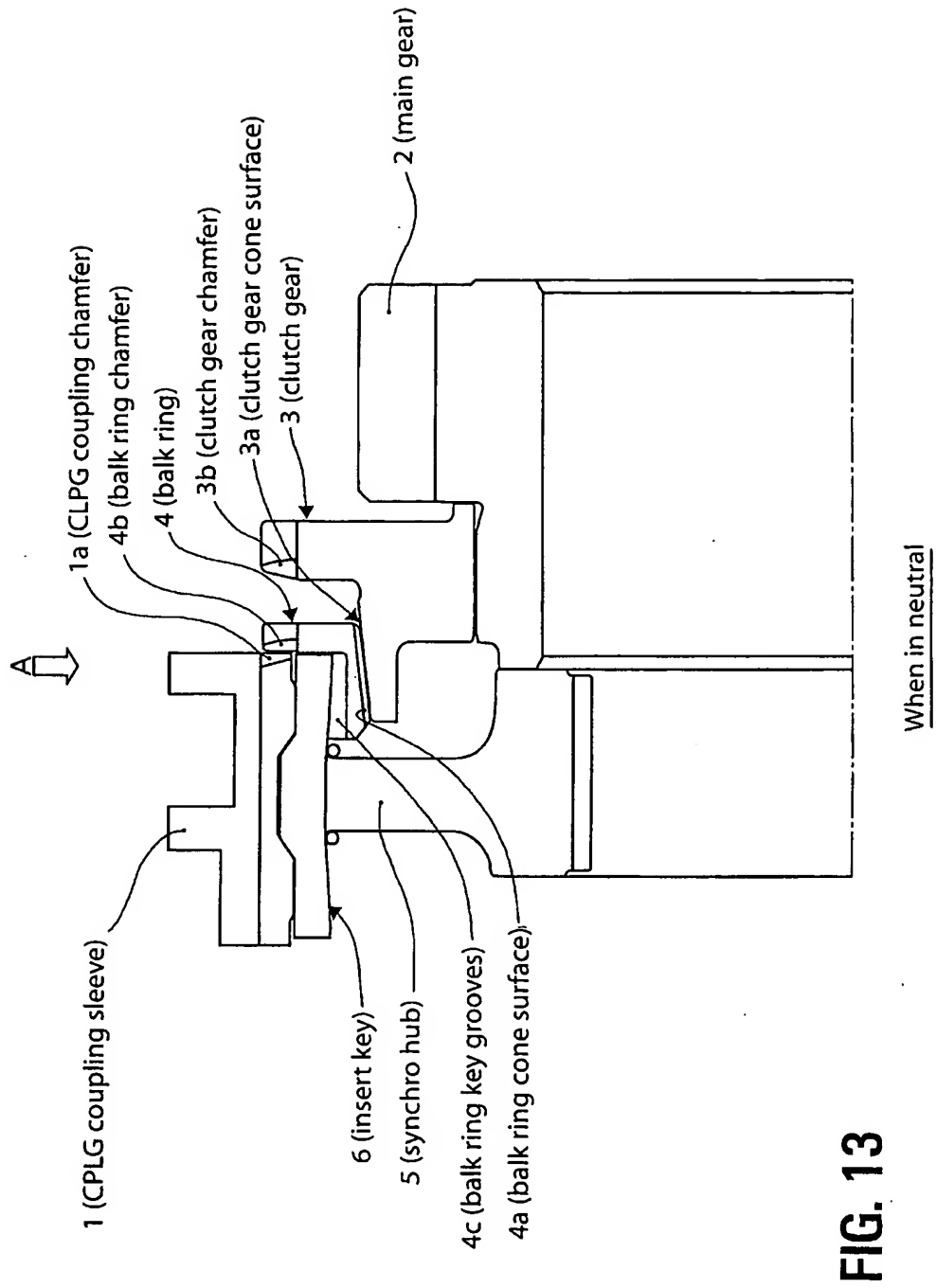
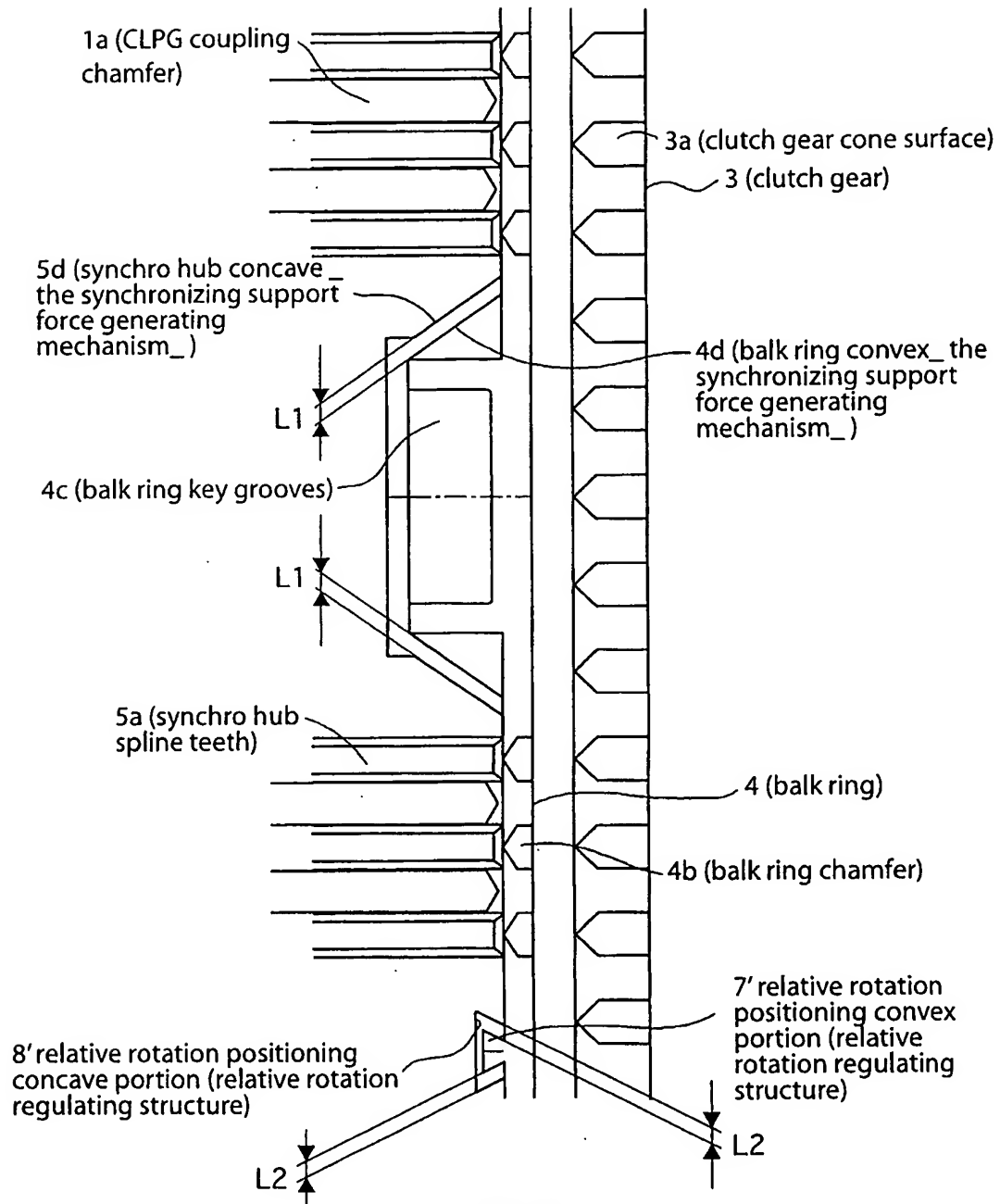
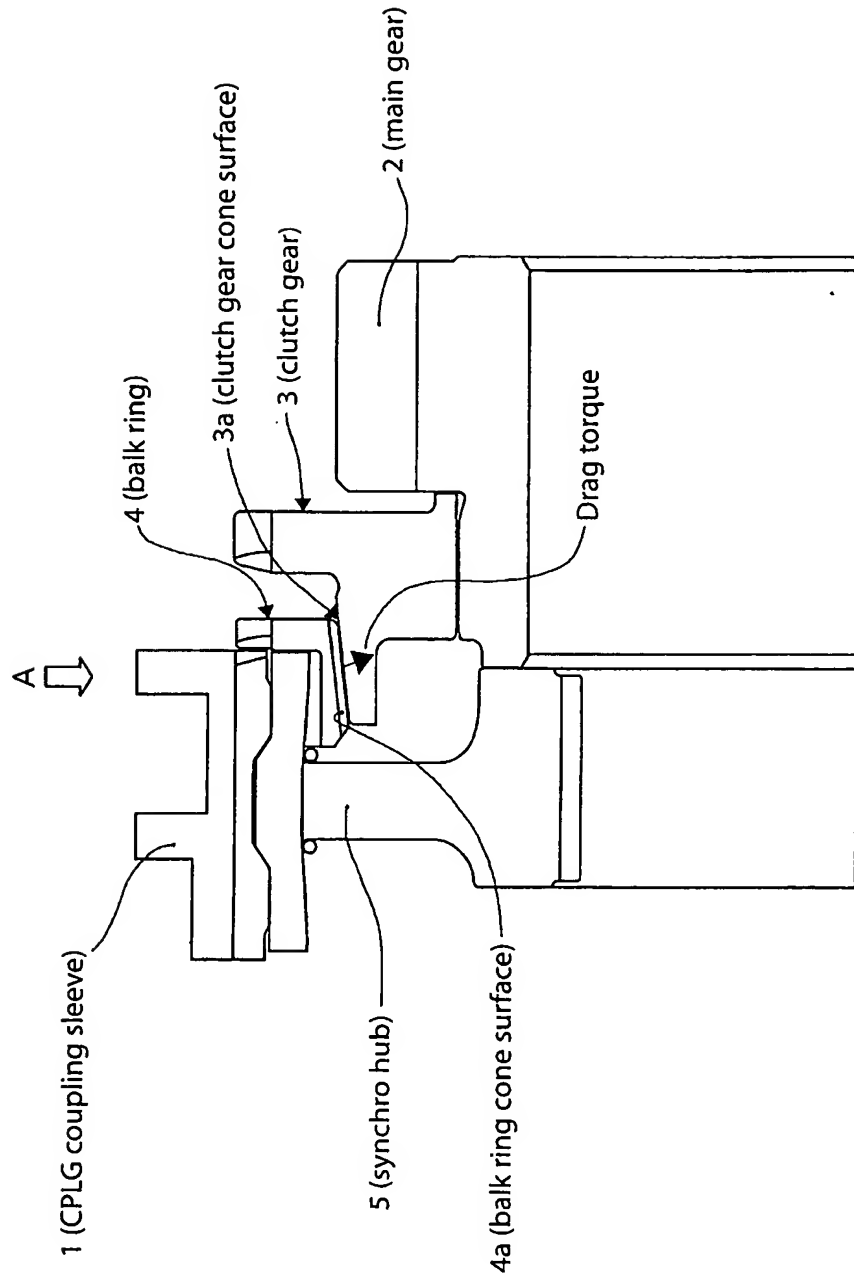


FIG. 12

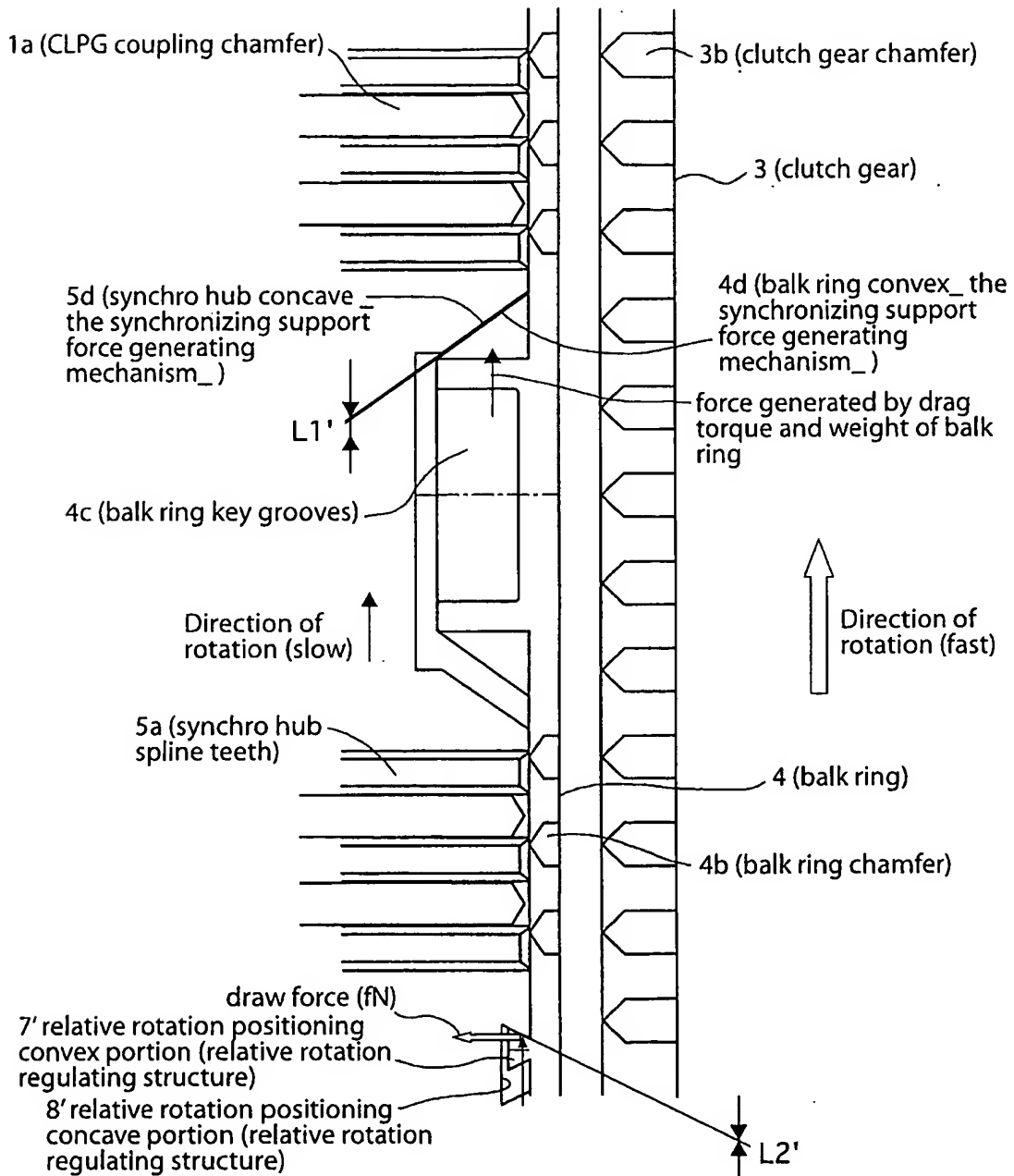


**FIG. 14**



**FIG. 15**

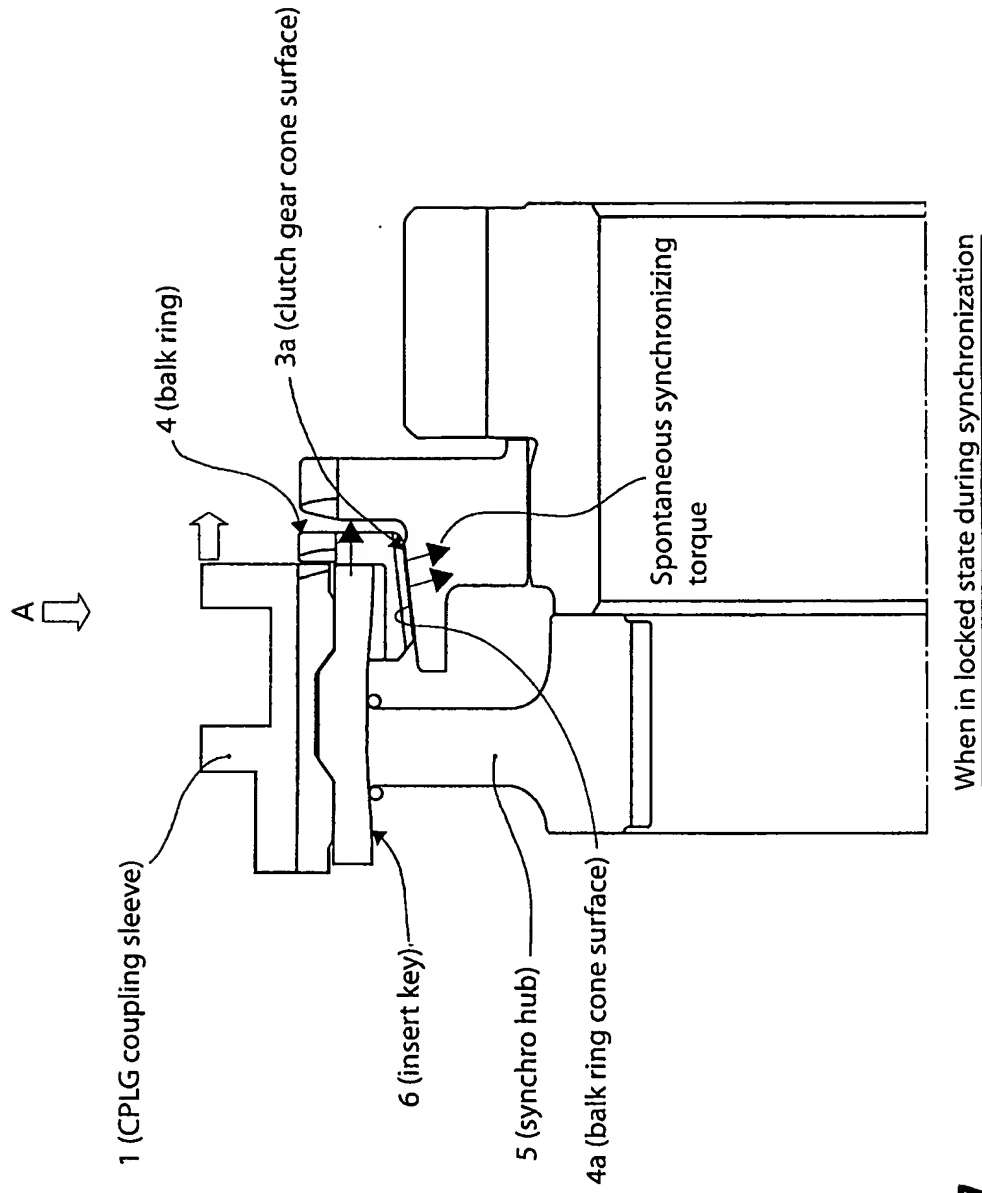
Relative rotation positioning portion in the locked state



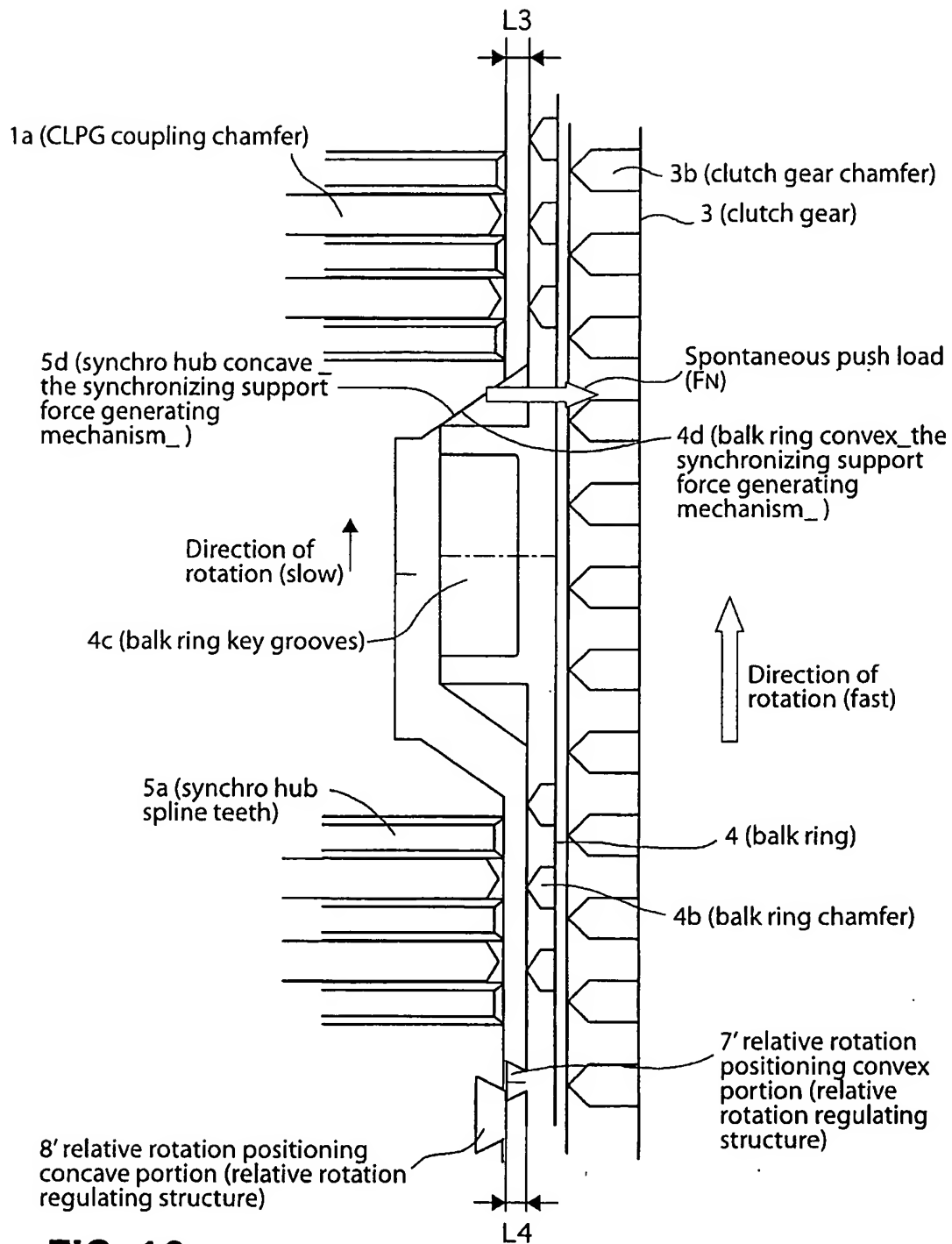
View A

**FIG. 16**



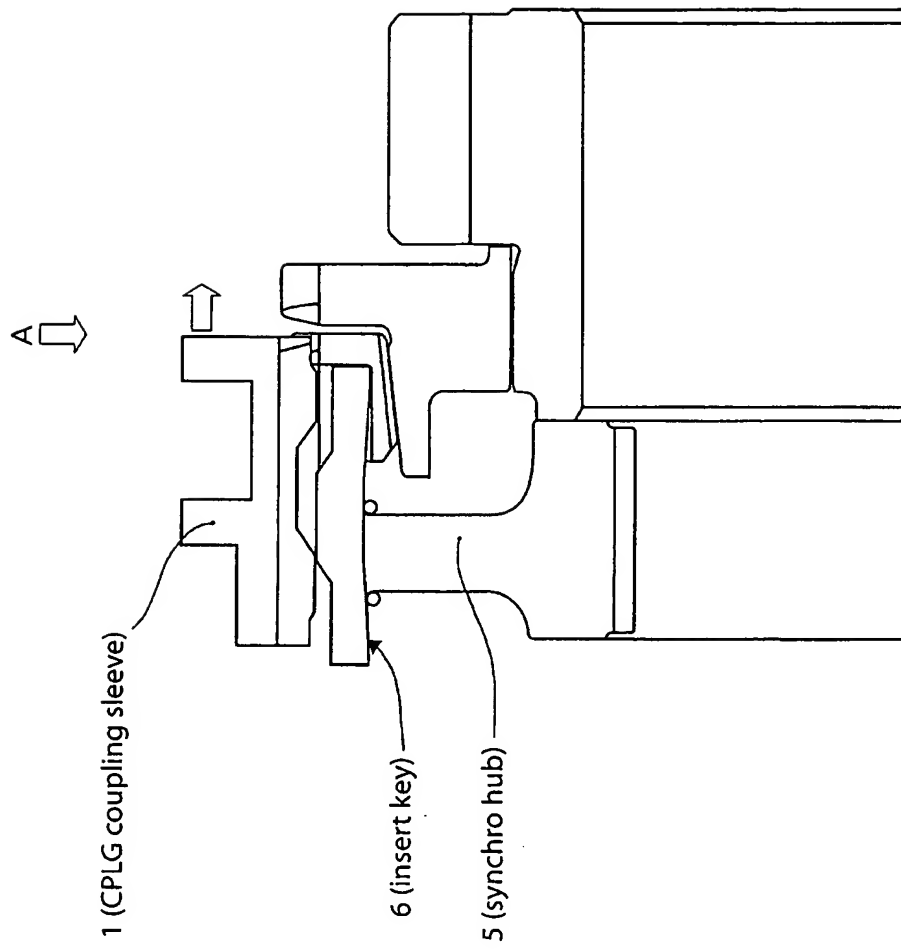


**FIG. 17**

**FIG. 18**

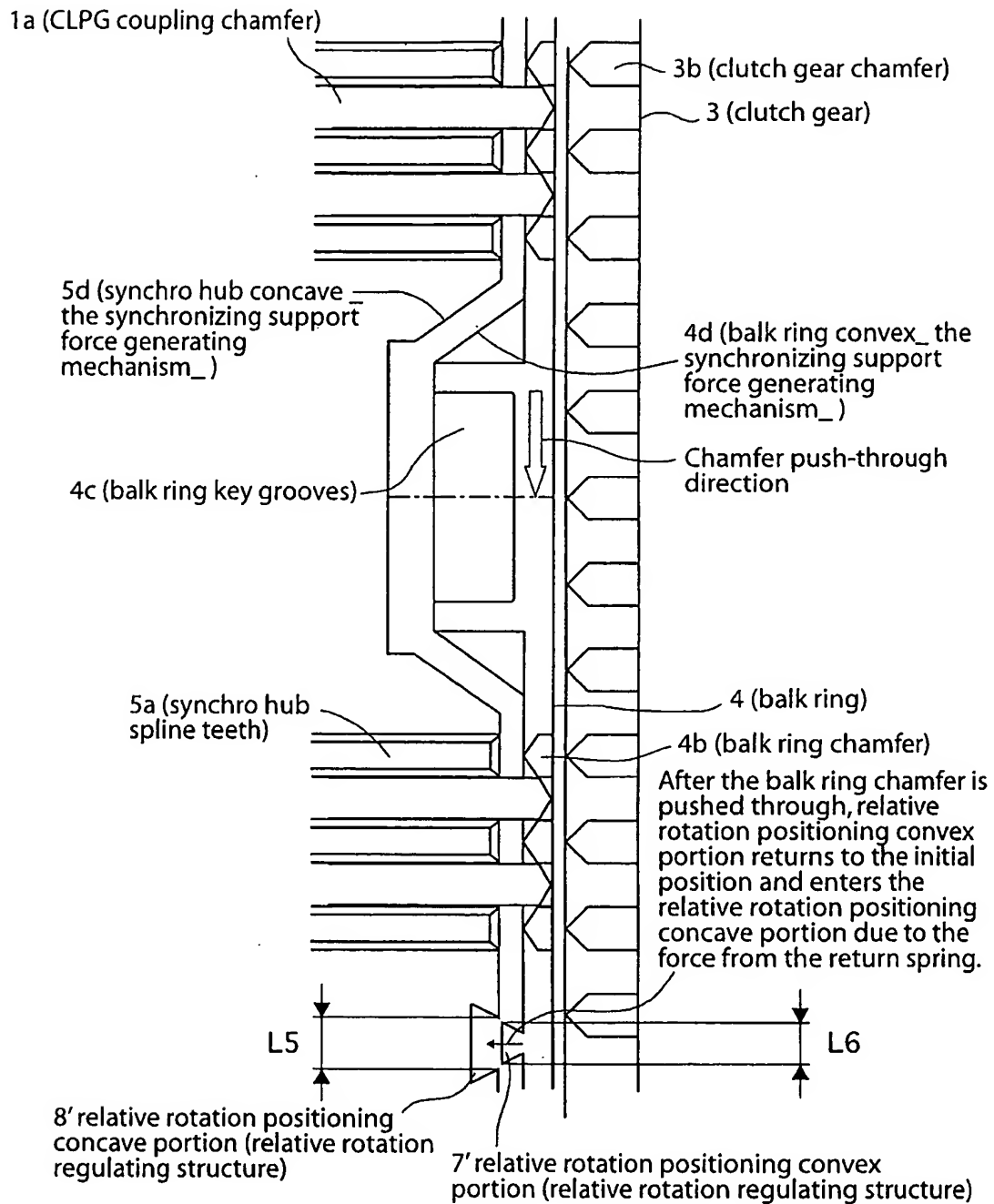
View A

Gap condition:  $L3 > L4$



Balk ring chamfer push-through state

**FIG. 19**

**FIG. 20**View AGap condition:  $L5 > L6$

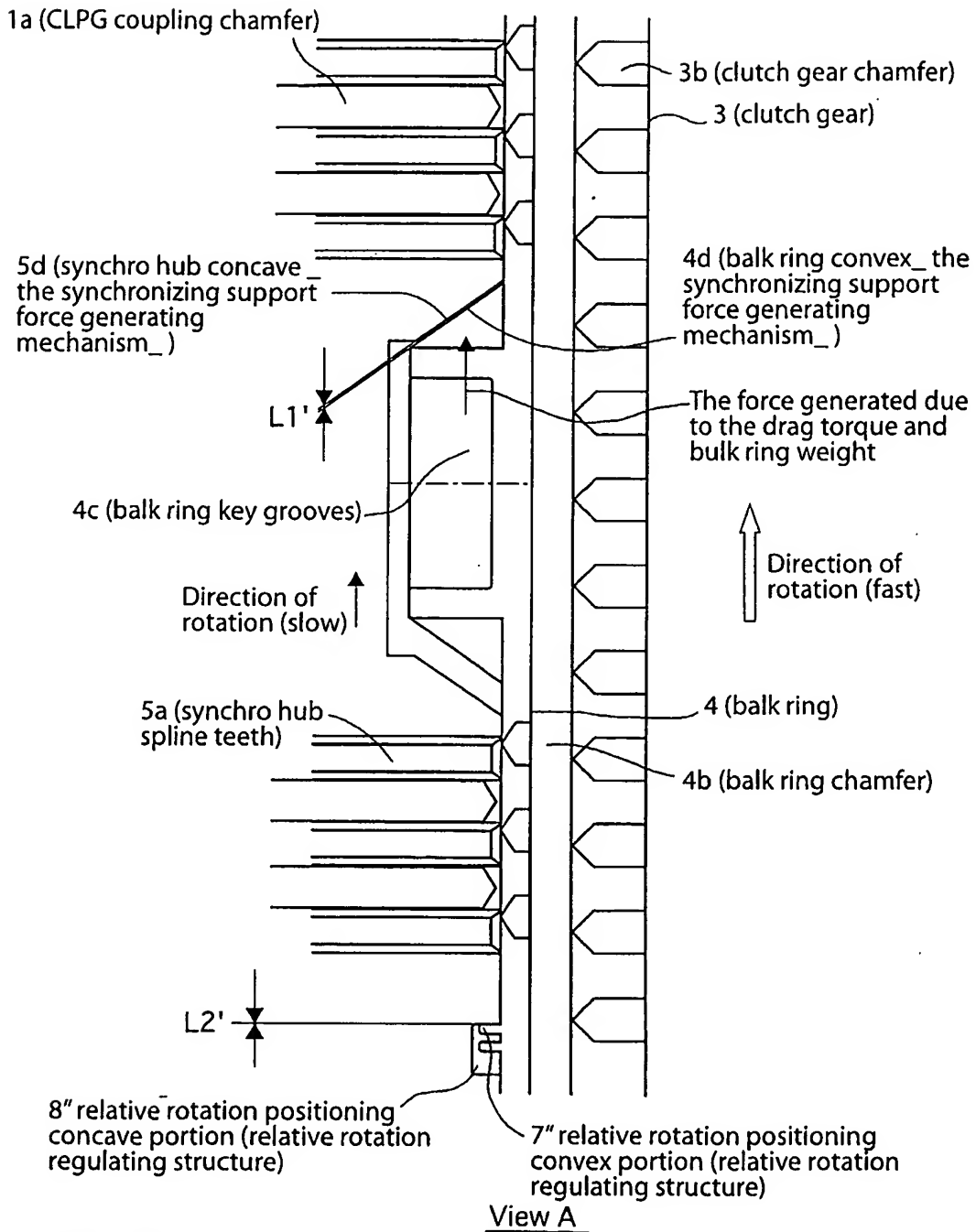
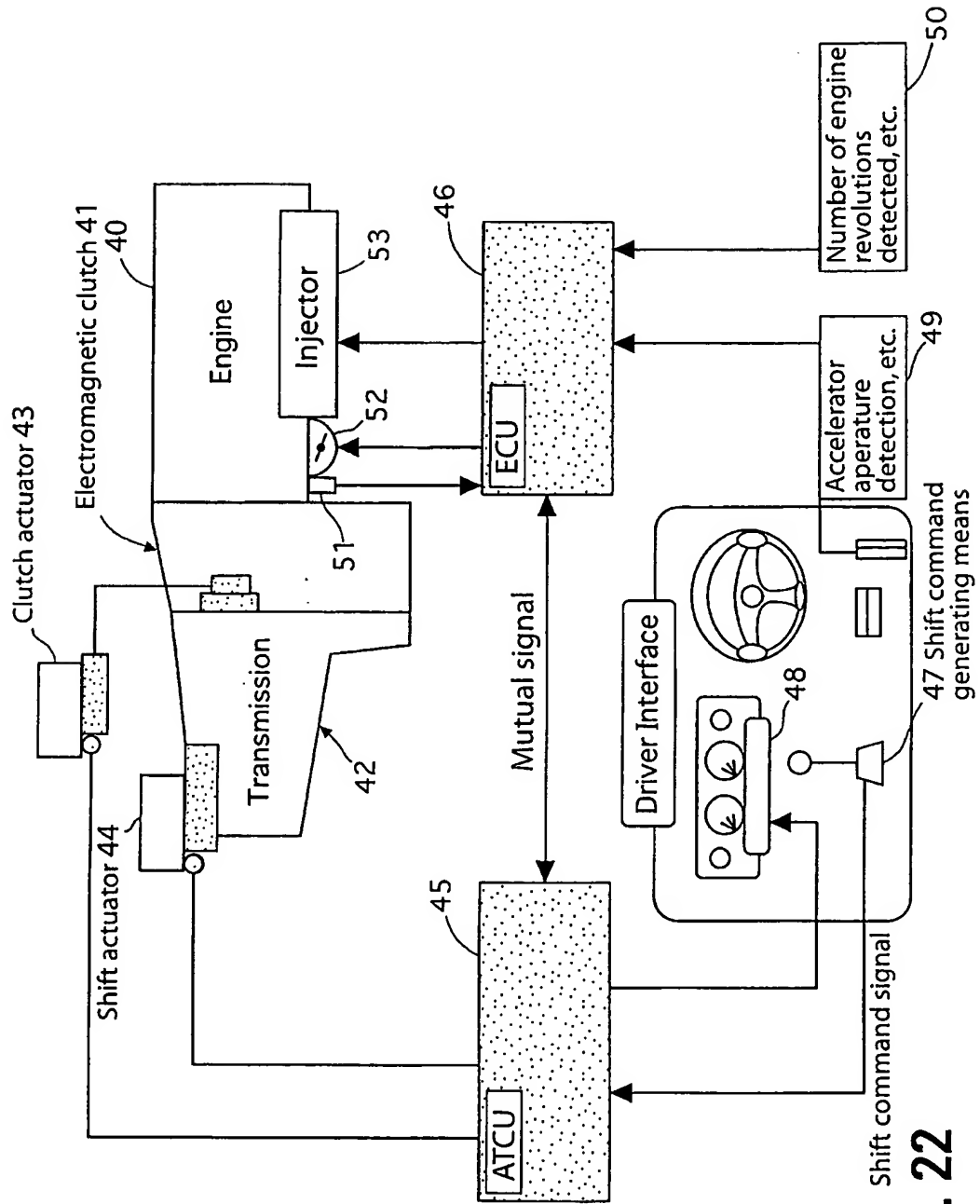


FIG. 21



**FIG. 22**

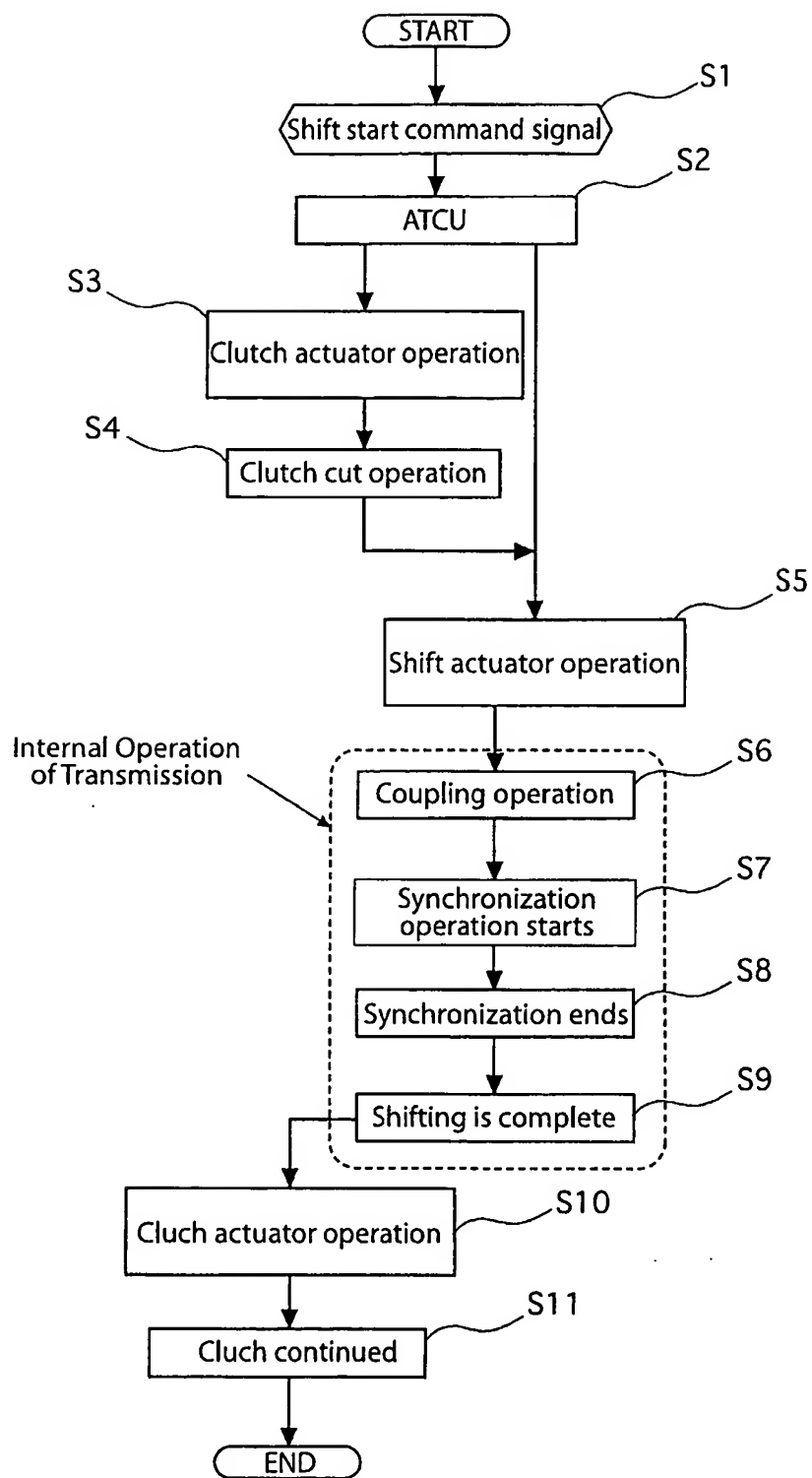


FIG. 23